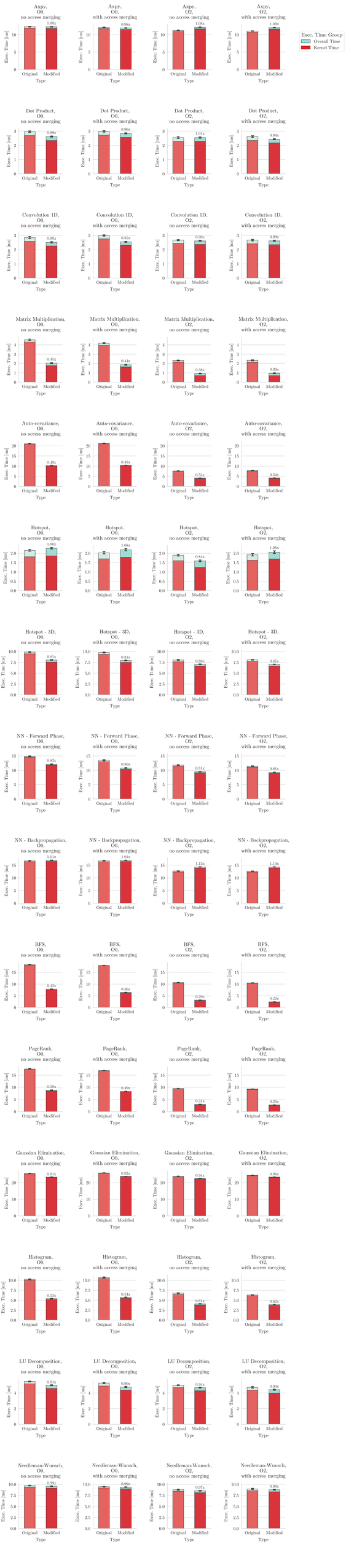
Axpy, O0, no access merging
1.00x
Axpy, O0, with access merging
0.98x
Axpy, O2, no access merging
1.08x
Axpy, O2, with access merging
1.09x
Exec. Time Group
Overall Time
Kernel Time
Dot Product, O0, no access merging
0.89x
Dot Product, O0, with access merging
0.96x
Dot Product, O2, no access merging
1.01x
Dot Product, O2, with access merging
0.94x
Convolution 1D, O0, no access merging
0.90x
Convolution 1D, O0, with access merging
0.85x
Convolution 1D, O2, no access merging
0.98x
Convolution 1D, O2, with access merging
0.99x
Matrix Multiplication, O0, no access merging
0.45x
Matrix Multiplication, O0, with access merging
0.44x
Matrix Multiplication, O2, no access merging
0.38x
Matrix Multiplication, O2, with access merging
0.39x
Auto-covariance, O0, no access merging
0.49x
Auto-covariance, O0, with access merging
0.49x
Auto-covariance, O2, no access merging
0.54x
Auto-covariance, O2, with access merging
0.54x
Hotspot, O0, no access merging
1.05x
Hotspot, O0, with access merging
1.08x
Hotspot, O2, no access merging
0.84x
Hotspot, O2, with access merging
1.06x
Hotspot - 3D, O0, no access merging
0.81x
Hotspot - 3D, O0, with access merging
0.81x
Hotspot - 3D, O2, no access merging
0.88x
Hotspot - 3D, O2, with access merging
0.87x
NN - Forward Phase, O0, no access merging
0.82x
NN - Forward Phase, O0, with access merging
0.80x
NN - Forward Phase, O2, no access merging
0.81x
NN - Forward Phase, O2, with access merging
0.81x
NN - Backpropagation, O0, no access merging
1.01x
NN - Backpropagation, O0, with access merging
1.01x
NN - Backpropagation, O2, no access merging
1.13x
NN - Backpropagation, O2, with access merging
1.14x
BFS, O0, no access merging
0.42x
BFS, O0, with access merging
0.36x
BFS, O2, no access merging
0.29x
BFS, O2, with access merging
0.22x
PageRank, O0, no access merging
0.50x
PageRank, O0, with access merging
0.49x
PageRank, O2, no access merging
0.31x
PageRank, O2, with access merging
0.29x
Gaussian Elimination, O0, no access merging
0.91x
Gaussian Elimination, O0, with access merging
0.92x
Gaussian Elimination, O2, no access merging
0.94x
Gaussian Elimination, O2, with access merging
0.96x
Histogram, O0, no access merging
0.53x
Histogram, O0, with access merging
0.54x
Histogram, O2, no access merging
0.61x
Histogram, O2, with access merging
0.62x
LU Decomposition, O0, no access merging
0.91x
LU Decomposition, O0, with access merging
0.90x
LU Decomposition, O2, no access merging
0.94x
LU Decomposition, O2, with access merging
0.94x
Needleman-Wunsch, O0, no access merging
0.99x
Needleman-Wunsch, O0, with access merging
0.99x
Needleman-Wunsch, O2, no access merging
0.97x
Needleman-Wunsch, O2, with access merging
0.99x
Exec. Time [ms]
Type
Original
Modified